

ABSTRACT

A magnet portion 27 of a magnetic encoder 26 includes a magnetic member and a resin, and a highly reliable magnetic encoder 26 having a high magnetic property and enabling to detect a rotational number with high accuracy, and a hub unit bearing 2a are provided. Further, the resin is preferably a thermoplastic resin and further preferably includes a thermoplastic resin including a soft segment in a molecule. Further, the magnetic encoder 26 further includes a fixed member 25 attached with the magnet portion 27 and comprising a magnetic material, and the magnet portion 27 and the fixed member 25 are bonded by an adhering agent including at least one of a phenolic resin based and an epoxy resin based.